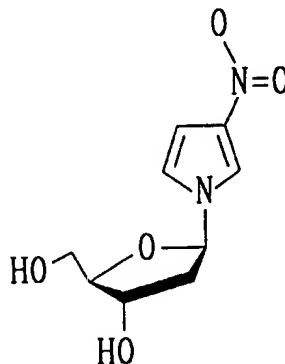


Internal A-rich Stretch Poly (A) Tail

m⁷G ——— ttaaaaaacaaaaagaaaaaaaaa ——— aaaaaaaaaaaaaaaaaaaaaaa...
 * *
 ttttttttttttttttttttt ttttttttttttttttttttt
T_m stable at 37°C -anneals. T_m stable at 37°C -anneals.

FILE - 2A


$$Z = 1-(2'-\text{Deoxy-}\beta\text{-D-Ribofuranosyl})-3\text{-Nitropyrrole}$$

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Oligo d(T)·Z Primer: 5' d(T)₇·Z·d(T)₉·Z·d(T)₅ 3'

FEI-2C

Internal A-rich Stretch
Poly (A) Tail

m^7G ——— ttaaaaaacaaaaagaaaaaaa ——— aaaaaaaaaaaaaaaaaaaaaa...

tttttztttttttttztttttt
 T_m unstable at 37°C - does not anneal.

 tttttztttttttttztttttt
 T_m stable at 37°C -anneals.

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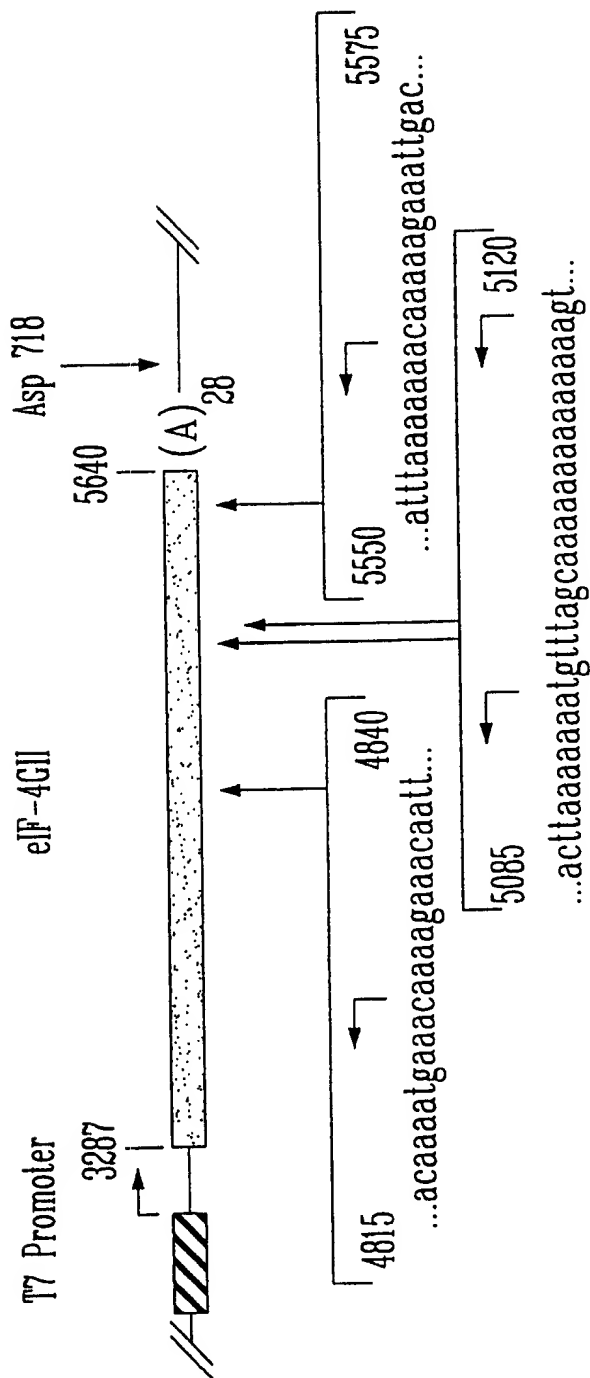


FIG. 3A

Fig. 3B

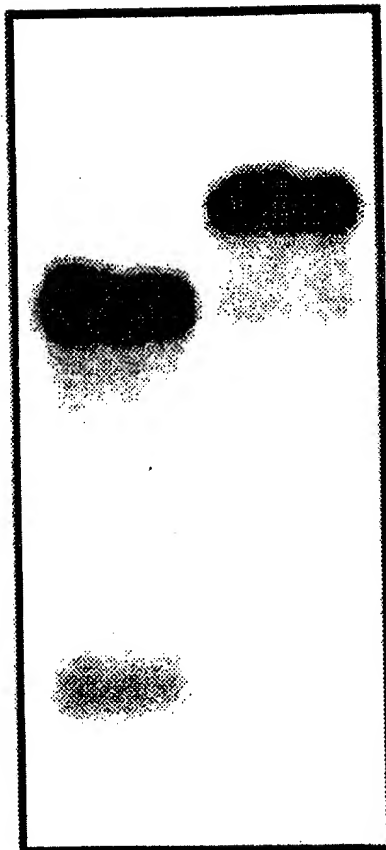
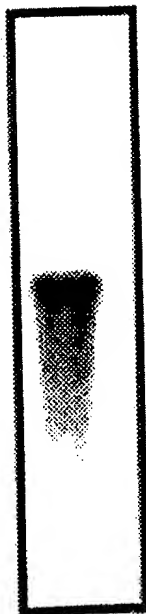
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Fig. 3C

Oligo d(T)₁₅

Oligo d(T)₁₅•Z

RNA



1

2

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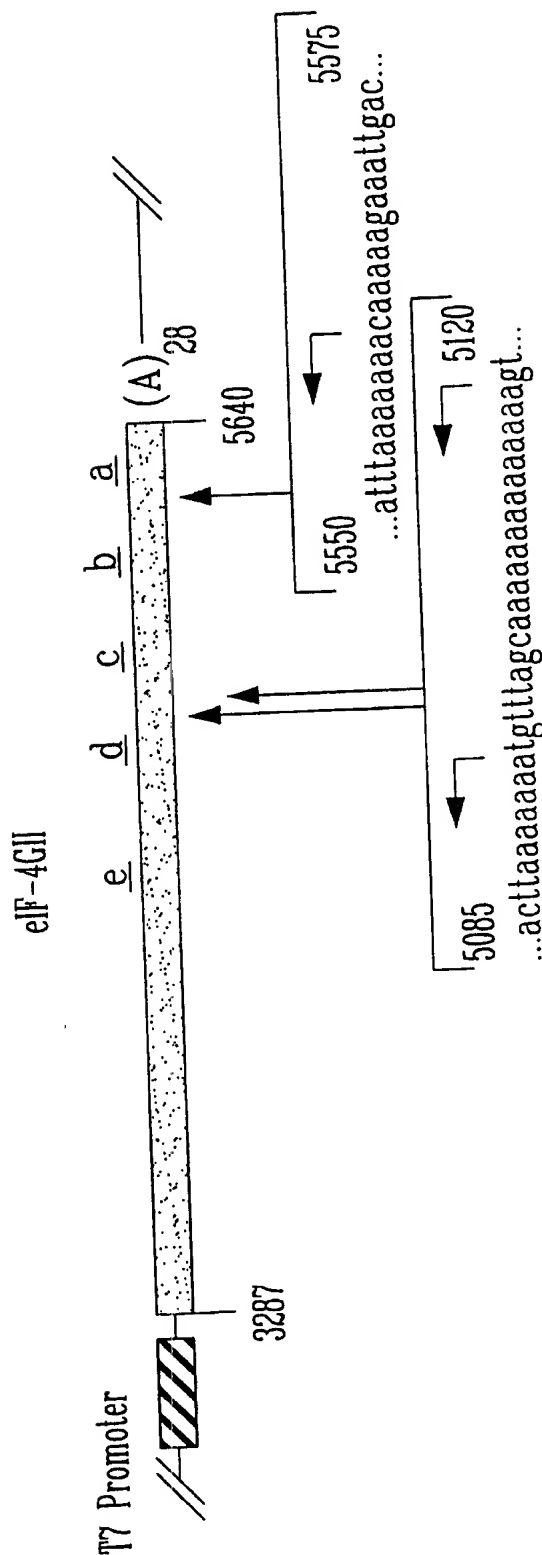


Fig. 4A

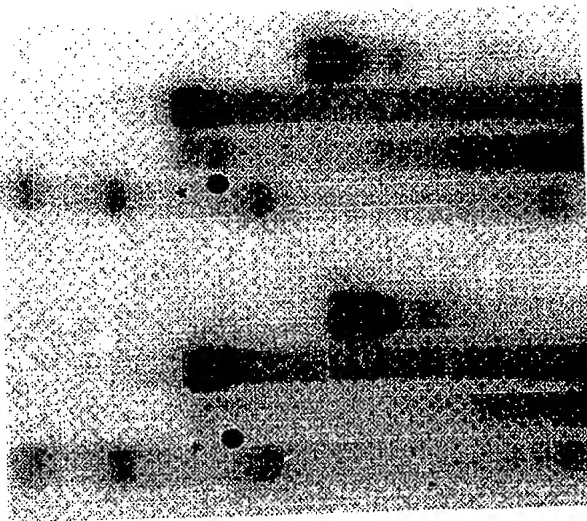
Marker
Oligo d(T)•Z Primed
eIF-4GII DNA
Oligo d(T) Primed
Oligo d(T)•Z Primed
eIF-4GII DNA

Marker
Oligo d(T) Primed
Oligo d(T)•Z Primed
eIF-4GII DNA
Oligo d(T) Primed
Oligo d(T)•Z Primed
eIF-4GII DNA

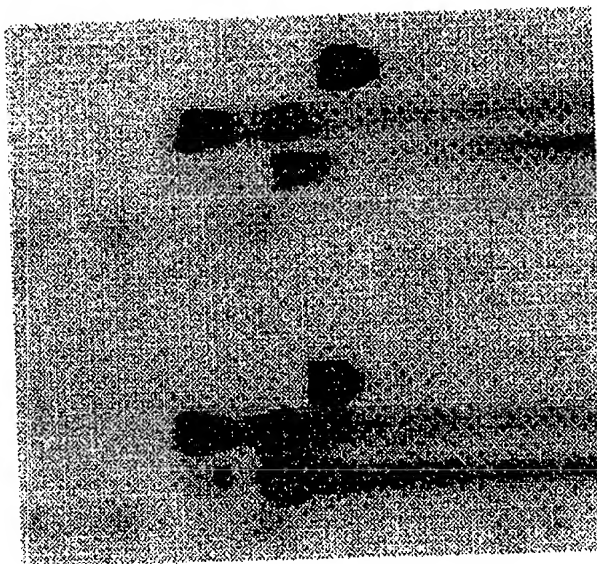
Marker
Oligo d(T) Primed
Oligo d(T)•Z Primed
eIF-4GII DNA
Oligo d(T) Primed
Oligo d(T)•Z Primed
eIF-4GII DNA



a



b



c

4.0

d

e

4076 —
3058 —
2040 —
1022 —

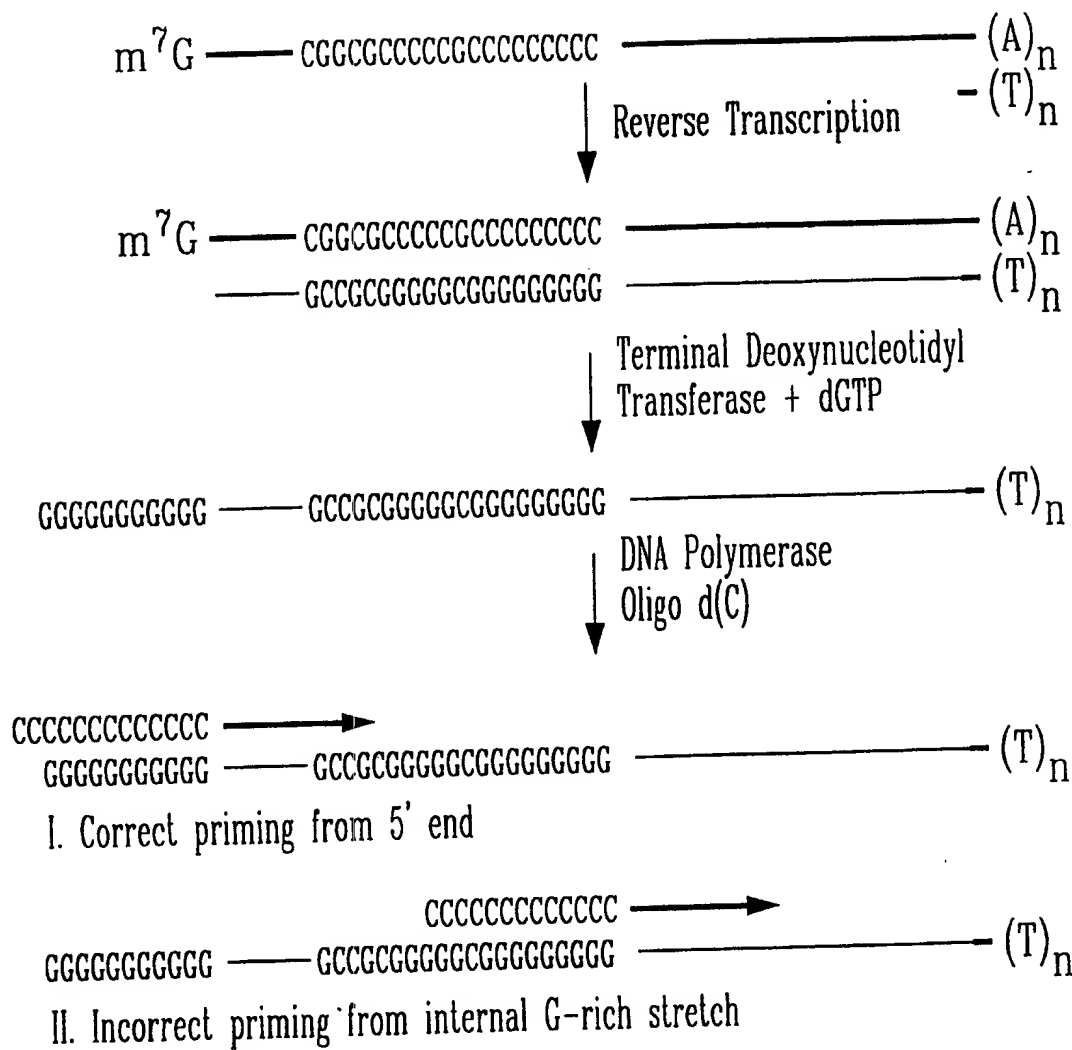


Fig. 5

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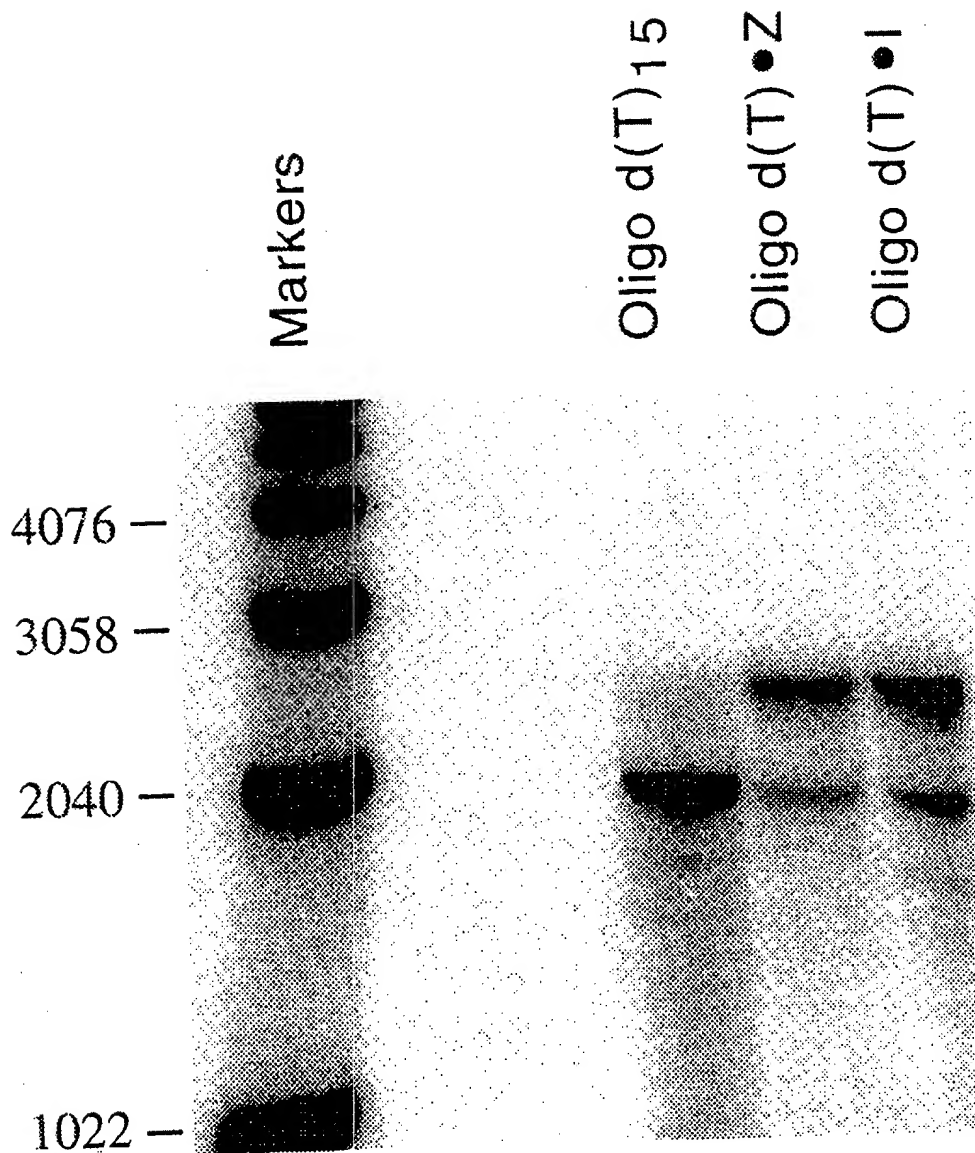


FIG. 6